AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended): A high-strength forged part comprising a base phase structure and a second phase structure and containing the following components in mass % (also in the following):

C: 0.1% 0.41% to 0.6%

Si+Al: 0.5% to 3%

Mn: 0.5% to 3%

P: 0.15% or less (not including 0%)

S: 0.02% or less (including 0%),

wherein the base phase structure contains 30% or more of ferrite in terms of a space factor relative to the entire structure, the second phase structure comprises retained austenite, as well as bainite and/or martensite, the content of the retained austenite is represented by the following expression (1) relative to the entire structure, an average grain diameter, d, of the second phase structure is 5 μ m or less, and a space factor of a coarse portion of (1.5 x d) or more in an average grain diameter contained in the second phase structure is 15% or less:

$$50x[C] < [V_{\gamma R}] < 150x[C]$$
 ... (1)

where $[V_{\gamma R}]$ stands for a space factor of the retained austenite relative to the entire structure and [C] stands for the content (mass %) of C in the forged part.

Claim 2 (Original): A high-strength forged part according to claim 1, further containing at least one of Cr and Mo in a total amount of 1% or less (not including 0%).

Claim 3 (Original): A high-strength forged part according to claim 1, further containing at least one of:

Ni: 0.5% or less (not including 0%) and

Cu: 0.5% or less (not including 0%).

Claim 4 (Original): A high-strength forged part according to claim 1, further containing at least one of:

Ti: 0.1% or less (not including 0%),

Nb: 0.1% or less (not including 0%), and

V: 0.1% or less (not including 0%).

Claim 5 (Currently Amended): A high-strength steel forged part according to claim 1, further containing at least one of:

Ca: 0.003% or less (not including 0%) and

REM: 0.003% or less (not including 0%).

Claim 6 (Original): A high-strength forged part according to claim 1, further containing:

B: 0.003% or less (not including 0%).

Claim 7 (Withdrawn-Currently Amended): A method for producing the high-strength forged part described in claim 1, which method comprises the steps of holding steel at a temperature of (Ael point – 30°C) to Ae3 point for 10 seconds or more, allowing the steel to be forged at that temperature, thereafter cooling the steel to a temperature of 325° to 475°C at an average cooling rate of 3°C/s or more, and holding the steel in that temperature range for 60 to 3600 seconds, the steel containing the following components in mass %:

C: 0.1% to 0.6%

Si+Al: 0.5% to 3%

Mn: 0.5% to 3%

P: 0.15% or less (not including 0%)

S: 0.02% or less (including 0%).

Claim 8 (Withdrawn): A high-strength forged part having a high reduction of area, the high-strength forged part comprising a base phase structure and a second phase structure and containing the following components in mass % (also in the following):

C :

0.1% to 0.5%

Si+Al:

0.5% to 3%

Mn:

0.5% to 3%

P:

0.15% or less

S:

0.02% or less,

wherein the base phase structure contains 50% or more of tempered bainite or tempered martensite in terms of a space factor relative to the entire structure, the second phase structure contains retained austenite and martensite, the content of the retained austenite being 3% to 30% in terms of a space factor relative to the entire structure, and a portion of the retained austenite and martensite, which portion is 2 or less in an aspect ratio, is 25% or less in terms of a space factor.

Claim 9 (Withdrawn): A high-strength forged part according to claim 8, further containing at least one of Cr and Mo in a total amount of 1% or less (not including 0%).

Claim 10 (Withdrawn): A high-strength forged part according to claim 8, further containing:

Ni:

0.5% or less (not including 0%) and

Cu:

0.5% or less (not including 0%).

Claim 11 (Withdrawn): A high-strength forged part according to claim 8, further containing:

Ti: 0.1% or less (not including 0%),

Nb: 0.1% or less (not including 0%), and

V: 0.1% or less (not including 0%).

Claim 12 (Withdrawn): A high-strength forged part according to claim 8, further containing:

Ca: 0.003% or less (not including 0%) and

REM: 0.003% or less (not including 0%).

Claim 13 (Withdrawn): A high-strength forged part according to claim 8, further containing:

B: 0.003% or less (not including 0%).

Claim 14 (Withdrawn): A method for producing the high-strength forged part described in claim 8, which method comprises the steps of holding steel at a temperature of (Ae1 point – 30°C) to (Ae3 point – 30°C) for 10 seconds or more, allowing the steel to be forged at that temperature, thereafter cooling the steel to a temperature of 325° to 475°C at an average cooling rate of 3°C/s or more, and holding the steel in that temperature range for 60 to 3600 seconds, the steel containing the following components in mass %:

C: 0.1%

0.1% to 0.5%

Si+Al:

0.5% to 3%

Mn:

0.5% to 3%

P:

0.15% or less (not including 0%)

S:

0.02% or less (including 0%),

with untempered bainite structure, quenched bainite structure, untempered martensite structure, or quenched martensite structure being introduced into the steel.